BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

PREMEASUREMENT

Name of work: Improvements to roads and drains in Kodigehalli A.K. Colony and surrounding areas in ward no. 8 Kodigehalli.

Estimated Cost : Rs. 30.00 Lakhs

Job Code: 008-19-000008

Head of Account : P-3409

Name of Agency: Sri V. Sendhil kumar, #09, Jayalakshmi nilaya, Kuppaswamy layout, H.K.B.K. College road, Nagawara, Bangalore-560045.

Work order No: BBMP/EE/BTP/WO/57/2019-20 Dated: 11.07.2019.

Measurements Recarded on : 11-07-2019

Sl No.	Description	No.	L	B1	B2	AV. B	D	Qty	Rate / Unit
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means: A. Lime Concrete, cement concrete grade M-10 and below. MORTH Specification No. 202								Cum
	Deck slabs top portion	2	31.00			5.00	0.30	93.00	
	Deck slabs bottom portion	2	31.00			5.00	0.25	77.50	
								170.50	

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Measurements Recarded on : 11-07-2019

2	Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50m and removing the debris to a distance upto 200m. including cost of materials, labour, HOM complete as per specifications								Sqm
	side walls	4	31.00	0.50			1.80	111.60	
							Total Qty =	**111.60**	
							Qty upto 125% of tender qty	**80.44**	
							Qty Above 125% of tender qty	**31.16**	

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	Description	No.	L	B1	B2	AV. B	D	Qty	Rate / Unit
	Measurements Recarded on : 15-07-2019								
	Excavation in marshy soil upto 3m depth for foundations of structures as per drawing and technical specifications including removing the excavated stuff to a lead of 15m., including dewatering , shoring strutting wherever necessary watering and ramming including cost of all materials, labour, HOM complete as per specifications MORTH Chapter 12								Sqm
	inside vent	1	31.00			3.30	1.50	153.45	
	Out side ssm walls	2	31.00			0.50	1.50	46.50	
	Bottom bed	1	31.00			4.00	0.50	62.00	
	Ramps	1	7.80			5.00	0.50	19.50	
	Ramps	1	3.55			5.00	0.50	8.88	
	For clearance surrounding	1	31.00			1.50	0.60	27.90	
							Total Qty =	**318.23**	
							Qty upto 125% of tender qty	**26.81**	
							Qty Above 125% of tender qty	**291.41**	

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	Measurements Recarded on : 12-07-2019								
4	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete. - - beyond 1.50 mtrs depth upto & including 3m depth								Cum
		1	37.00			1.00	1.10	**40.70**	

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	Measurements Recarded on : 15-07-2019								
5	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.								Cum
		1	31.00			5.00	0.30	46.50	
							Total Qty =	**46.50**	

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	Measurements Recarded on : 17-07-2019								
6	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement 180kgs,with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @o.57 cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost all materials, labour, HOM of machinery, curing complete as per specifications								cum
		1	31.00			4.40	0.15	20.46	
	Ramps	1	7.80			5.00	0.15	5.85	
	Ramps	1	3.55			5.00	0.15	2.66	
							Total Qty =	**28.97**	

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	Description	No.	L	B1	B2	AV. B	D	Qty	Rate / Unit
	Measurements Recarded on : 08-08-2019								
	Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification.								Sqm
	Centering for deck slab	1	31.00			4.00		124.00	
	For Sides alround	1	70.00			0.4		28.00	
							Total Qty =	152.00	

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	Measurements Recarded on : 31-07-2019								
8	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.								Sqm
	centering for side	4	31.00				1.80	223.20	

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	Measurements Recarded on : 20-7-2019								
10	Providing T.M.Tsteel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members whereever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.								tonne
	Raft foundation								
	Borrom slab bottom 12mm dia @ 150c/c	239				5.40	0.89	1148.63	
	Borrom slab top 20mm dia @ 100c/c	388				3.90	2.46	3722.47	
	Dist 10mm dia @ 200c/c at bottom	2				31.00	0.62	38.44	
	Dist 10mm dia @ 200c/c at top	2				31.00	0.62	38.44	
	Haunch 10mm @ 150 c/c	239				1.75	0.62	259.32	
	Measurement recorded on:	31-7-2019							
	Inner side wall 12mm @ 200c/c	88				12.10	0.89	947.67	
	out side wall 12mm @150c/c	120				3.60	0.89	384.48	
	Dist 10mm @200c/c	20				7.80	0.62	96.72	
	Dist 10mm @200c/c	68				7.80	0.62	328.85	
	Measurement recorded on:	8-8-2019							
	top slab bottom 20mm dia 100c/c	388				3.90	2.46	3722.47	
	top slab top 12mm dia @ 150 c/c	239				5.40	0.89	1148.63	
	top slab top 10mm dia @ 200 c/c at bottom	2				31.00	0.62	38.44	
	top slab dist 10mm	2				31.00	0.62	38.44	
							Total Qty =	11913.01	
							Qty Limited to =	11.91	Tonne

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